Use Attainability Analysis

for

WBID 0222 Dardenne Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

RECEIVED

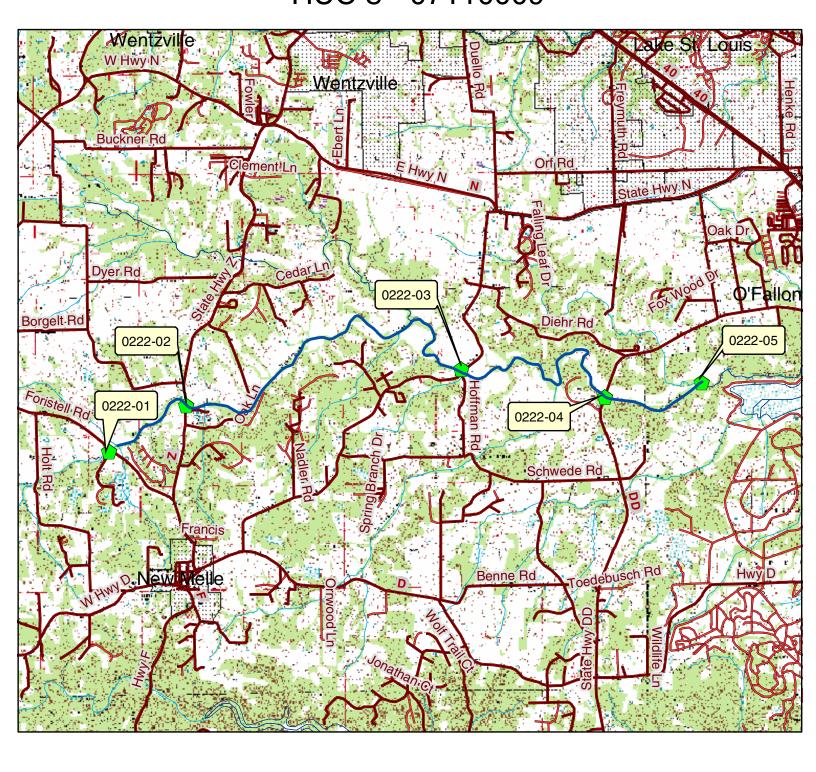
Data Sheet A - Water Body Identification

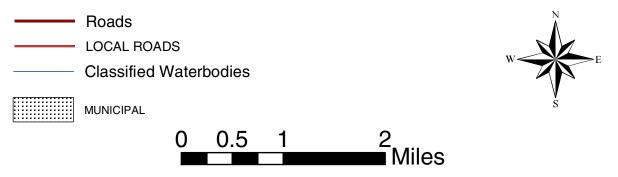
2005 JUL 14 AM 7: 16

Water Body Name: (from USGS 7.5' quad) Dondenne Creek 8-digit HUC:	THE PROTECTION PROC
8-digit HUC: 07// 0009	
Missouri WBID#: O222	
County: 5+1 Charles	
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: (UGS 84, ddd.ddddd)	
Downstream Coordinates: 90, 82 SF9 / 38, 73 820 (UGS 84, ddd.ddddd)	·
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	
Name of Surveyor and Telephone Number: Mary Clark 57.	3-526-1002
Position: ES III	
Name of Surveyor and Telephone Number: Mary Clark 57.	

Signed:_	001 Bax	Class	Date:	7-11-08	
	4 1	· · · · · · · · · · · · · · · · · · ·			

Dardenne Creek (C) #0222 St. Charles County HUC 8 - 07110009





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

naglish

	Missouri WBID #: 0 2	222-001		Site Locati	on Des	cription:	
PE 3	Site GPS Coordinates: 92		,7283	39 For	20.K	ill ord one	Pordenne.
3	Date & Time: 7-1/-		:50	Facility Na	me:		
	Personnel: Mary	Clark		Permit Nu	nber:		·
	Current Weather Condition	ons: Cldq		Weather C	onditio	ns for Past 7 days:	ry
	Photo Ids: Upstream:	476 Dow	nstream:	475	Other:		/
Us	es Observed*:						
	☐ Swimming	☐ Skin diving		SCUBA diving		☐ Tubing	☐ Water skiing
	☐ Wind surfing	☐ Kayaking		Boating		☐ Wading	☐ Rafting
	☐ Hunting	☐ Trapping		Fishing		None of the above	Other:
	Describe: (include numbe	er of individuals reco	reating, fro	equency of use, p	hoto-d	ocumentation of evidence	of recreational uses, etc.)
,							
	L						
Su	rrounding Condition	s*• Mark all that n	romote or	impede recreativ	nal use	es Attach photos of evider	oce or unusual
	ns of interest.)	2 . (Istark all diach	romote or	mipede recream	mar us	· ·	
	☐ City/county parks	☐ Playgrounds	☐ MDC	conservation lar	nds	☐ Urban areas	☐ Campgrounds
	☐ Boating accesses	☐ State parks	☐ Natio	nal forests		☐ Nature trails	☐ Stairs/walkway
:	☐ No trespass sign	☐ Fence	□ Steep	slopes	•	Other: Subunba	i
	10+5 of Show	0	5 Con	der The	rio	La Course Supun pa	
Ev	idence of Human Use	*:					·
	Roads	☐ Foot paths/prin	ts 🗆	Dock/platform		☐ Livestock Watering	☐ RV / ATV Tracks
	☐ Rope swings	☐ Camping Sites		Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle
	Other: Golf	Course	1	and in	PA	ook	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

0222 -001 Page Two - Data Sheet B for WBID # Stream Morphology: Upstream View Physical Dimensions: Width (ft): Avg. Depth (ft): Max. Depth (ft): Length (ft): ☐ Riffle Avg. Depth (ft): X Run Width (ft): Length (ft): Max. Depth (ft): Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Estimated (ft³/sec): ☐ Flow Yes INo Present? Downstream View Physical Dimensions: Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Riffle 12 Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Pool Estimated (ft³/sec): ☐ Flow Present? □ No ✓Yes Substrate*: (These values should add up to 100%.) % Cobble % Bedrock Boulden % Sand % Silt % Mud/Clay Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) Odor: ☐ Chemical None ☐ Other: ☐ Sewage ☐ Musky Green Color: Clear ☐ Gray ☐ Milky Other: Bottom Deposit: ☐ Sludge Fine sediments □ None ☐ Other: □ Solids Surface Deposit: ☐ Oil ☐ Scum ☐ Foam ☐ None Other 2 Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Position: ESM Organization:

0222-001-US







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

have a nest wears to get til of me!

Be	Missouri WBID #: 00	222-00	2	Site Location	n De	scription:	
14	Site GPS Coordinates: C	10.87926/3	8.7	3422 Bridg	e 0	in Hung Z 100	er Dordanne Che
	Date & Time: 7-//-	05 9	05	Facility Na	ne:		300
	Personnel: Mary	Clarke		Permit Nun	iber:		
	Current Weather Conditi	ions: cldy		Weather Co	nditio	ons for Past 7 days:	74
	Photo Ids: Upstream:	474 Dov	vnstrea	ım: 473	Other:		
Us	es Observed*:						
	☐ Swimming	☐ Skin diving		☐ SCUBA diving		☐ Tubing	☐ Water skiing
	☐ Wind surfing	☐ Kayaking		☐ Boating		☐ Wading	☐ Rafting
	☐ Hunting	☐ Trapping		☐ Fishing		None of the above	Other: druing -
					:		
	rrounding Condition	s*: (Mark all that p	promot	e or impede recreatio	nal us	es. Attach photos of evider	ice or unusual
	☐ City/county parks	☐ Playgrounds	□м	IDC conservation land	ds	☐ Urban areas	☐ Campgrounds
	☐ Boating accesses	☐ State parks	Пи	ational forests		☐ Nature trails	☐ Stairs/walkway
	☐ No trespass sign	☐ Fence	☐ St	eep slopes		M Other: Just -	form.
Ev	idence of Human Us	e*:	· 4	easy acces		which of	x circular D
	▼ Roads	☐ Foot paths/prin	nts	☐ Dock/platform		☐ Livestock Watering	RV / ATV Tracks
	☐ Rope swings	☐ Camping Sites	1	☐ Fire pit/ring		☐ NPDES Discharge	RV / ATV Tracks Fishing Tackle
	TY Others -1	. / 1			1		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Riffle Width Run Width Pool Width Flow Preser	dth (ft): 7 8 dth (ft): 7 15 sent? 7 Yes 5 View Physical Dir	Length (ft): Length (ft): 50 Length (ft): 50	Avg. Depth (ft):	Max. Depth (ft):	
Run Width Pool Width Flow Preser	dth (ft): 7 8 dth (ft): 7 15 sent? Yes 5	Length (ft): \\ 50\\ Length (ft): \\ 50\\	Avg. Depth (Max. Depth (ft):	
Pool Width Flow Preser Downstream Vi	sent? Yes S	Length (ft): 50		91:-1 (-)		
☐ Flow Preser	sent? Yes S		Arra Donth ((1).7/1, di	Max. Depth (ft):	3,
Downstream Vi	View Physical Dir	No	Avg. Deput (ft): 9 1,5	Max. Depth (ft):	<u>3.</u>
			Estimated (ft	³/sec):		
Riffle Width	1.1 (6)	mensions:	s aleagh	reda fre	ennous)	fro.
	dth (ft):	Length (ft):	Avg. Depth (ft): 0,/	Max. Depth (ft):	1,2
NRun Width	dth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Pool Width	dth (ft):	Length (ft): 35	Avg. Depth (ft): 6,5	Max. Depth (ft):	O,
☐ Flow Preser	sent? ′S√Yes □	□ No	Estimated (ft ²	/sec):		
uatic Vegetatio	ese values should add to ble 45% Grantion*: (note amount of the light of the light)		wth at the asses	ssment site)	% Mud/Clay	
a	oble 45% Gr	of vegetation or algal gro	wth at the asses	ssment site)		% Be
a	nion*: (note amount of	of vegetation or algal gro Level Law 54 22 that apply.)	wth at the asses	ssment site)		
ater Characteri	nion*: (note amount of	of vegetation or algal gro Land Land State that apply.)	with at the assess	esment site) Clase prove - Edge.	uip-gre	
ater Characteri	ristics*: (Mark all the	of vegetation or algal gro lower of the state of the sta	with at the assess	ssment site) Clase grow Lage Whome	eig-gre	an G

0222-002-US



0222-002-DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

trib en la 30 lelan (DS) of bulge

Missouri WBID #:	122-003		Site Location I	Description:	oll rd !
Site GPS Coordinates:	90.82889/	38.7382	nau Bri	Description:	- near Ho
Date & Time: 7-8-		<i>'3</i> S'	Facility Name:	O O	
Personnel: MM	, Clark		Permit Number	•	
Current Weather Condi			Weather Condi	tions for Past 7 days:	
Photo Ids: Upstream:	men Dow	nstream: /	165 Oth	er:	
u	sent dead				
ses Observed*:			···		
☐ Swimming	☐ Skin diving	□ sc	CUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□ Во	ating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fis	shing	None of the above	☐ Other:
			_	-documentation of evidence	
			_		
				uses. Attach photos of evide	
rrounding Conditio		romote or in			
rrounding Conditions of interest.)	ns*: (Mark all that p	romote or in	npede recreational	uses. Attach photos of evide	nce or unusual
rrounding Conditions of interest.) ☐ City/county parks	ns*: (Mark all that p	romote or in	npede recreational onservation lands I forests	uses. Attach photos of evide	nce or unusual
rrounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all that p Playgrounds State parks Fence	oromote or in MDC co	npede recreational onservation lands I forests	uses. Attach photos of evide Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	oromote or in MDC co	npede recreational onservation lands I forests	uses. Attach photos of evide Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004

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Page Two - Data Sheet B for WBID #222 - 003

Pool Flow Downstrea	Width (ft): Width (ft): Present? am View I Width (ft):		Length (ft): Length (ft): Length (ft):	Avg. Depth Avg. Depth	1 -	Max. Depth (ft):	
Pool Flow Downstrea	Present?				(16).	Max. Depth (ft):	2,
Downstrea	am View I	Yes		Avg. Depth	 	Max. Depth (ft):	
☐ Riffle		7	□ No	Estimated (ft³/sec):		
	Width (ft)	Physical I	Dimensions:			nem du)
	** Iddi (11).		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run	Width (ft):	45	Length (ft): 4	S Avg. Depth	(ft): La	Max. Depth (ft):	≥ે.
☐ Pool	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
☐ Flow	Present?	≱ Ves	□ No	Estimated (ft³/sec):		
	etation*: ((note amour	nt of vegetation or	algal growth at the ass	essment site)	·	
(algal growth at the ass			
iter Chara	Olgan	Cour			ati		
i ter Chara Odor:	acteristics	Cour :*: (Mark al Sewage	Il that apply.)	□ Chemical		□ Other:	
odor:	acteristics	Couch *: (Mark a) Sewage Clear	ll that apply.)	Chemical Gray	ati	□ Other:	
i ter Chara Odor:	acteristics	Cour :*: (Mark al Sewage	Il that apply.)	□ Chemical	Mone		





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 0:	222 - 009	1	Site Location D	escription.	
Site GPS Coordinates:	10,80327/3	P.739	1340ld Brid	ge on DD one	Ondenne
Date & Time: 7 -	05 1	10	Facility Name:		
Personnel: Man	w clar	L	Permit Number:		7
Current Weather Condition	tions: Suhh	4	Weather Condit	ions for Past 7 days:	
Photo Ids: Upstream:	,	nstream:	464 Othe	т:	
s Observed*:					T
☐ Swimming	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		Fishing	None of the above	Other:
rounding Conditions of interest.)	18*: (Mark all that p	promote o	or impede recreational u	ises. Attach photos of evide	uly heave nce or unitsual Jak
s of interest.)	ns*: (Mark all that p		or impede recreational u	ises. Attach photos of evide	nce or unifisual files
s of interest.) City/county parks	7	□ мо		<u> </u>	Campgrounds
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds	☐ MD0	C conservation lands	☐ Urban areas	
s of interest.) City/county parks Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MD0 ☐ Nation	C conservation lands onal forests p slopes	☐ Urban areas ☐ Nature trails	
s of interest.) City/county parks Boating accesses No trespass sign dence of Human Us	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDO☐ Nation	C conservation lands onal forests p slopes	☐ Urban areas ☐ Nature trails	
s of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	□ MDO □ Nation ✓ Steep ✓ Steep ✓ Steep ✓ Steep	C conservation lands onal forests p slopes RM-VI	Urban areas Nature trails Other: New 14	Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 222 -: 004

☐ Riffle Width (I		nensions:			laser.	+154
	ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
- TT 7: 1:: ::	ft): 35	Length (ft):	76 Avg. Depth	(ft): 2.5	Max. Depth (ft):	>3
☐ Pool Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
☐ Flow Present?	Yes	□ No	Estimated (ft ³ /sec):		
Downstream View	w Physical I	Dimensions:				
☐ Riffle Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run Width (ft): 50	Length (ft): //	Avg. Depth	(ft): 2,5	Max. Depth (ft):	>3
☐ Pool Width (f	ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
☐ Flow Present?	Yes	□ No	Estimated (ft ³ /sec):		
ter Characterist	- C	I that apply.)	1257			
0.1	☐ Sewage	☐ Musky	☐ Chemical	⊠ None	☐ Other:	.•
Color:	Clear	Sc Green brown	″☐ Gray	☐ Milky	☐ Other:	
Bottom Deposit:	☐ Sludge	☐ Solids	Fine sediments	□ None	Other:	
Surface Deposit:	□ Oil	☐ Scum	☐ Foam	∑(None	☐ Other:	



